

License の取得方法

V4.0

macnica

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フィネッセカンパニー

技術統括部

Licenseの取得方法

● Licenseの取得に必要な情報

- オペレーション・システム(OS)の詳細情報
 - Window or Linux など
- Software ID
- Disk ID(HDD ID) または MAC ID(NIC ID)

Licenseの取得方法

● Microchip社 Web

- Products => FPGAs and PLDs => Hardware Design => Libero SoC Design Suite
=> Learn About License Types

または

- <https://www.microchip.com/en-us/products/fpgas-and-plds/fpga-and-soc-design-tools/fpga/licensing>

Licenseの取得方法

● Microchip社 Web

- 有償版ライセンス：“Purchase a Libero SoC Design Suite License”を選択
- 無償版ライセンス：“Request a Free License or Register and Manage Licenses”を選択

MICROCHIP All Enter keyword, item, model or part # myMicrochip \$0.00

PRODUCTS SOLUTIONS TOOLS RESOURCES SUPPORT TECHNICAL LEARNING ABOUT PURCHASE

Products / FPGAs and PLDs / FPGA Design Tools / Hardware Design / Licensing

License Types Explore Different Libero Releases

Licensing

With its comprehensive, easy-to-learn and easy-to-adopt development tools, our Libero[®] software is used for designing with our PolarFire[®] SoC, PolarFire, IGLOO[®] 2, SmartFusion[®] 2, RTG4[™], SmartFusion, IGLOO, ProASIC[®] 3 and Fusion FPGAs. Refer to the table below for a summary of Libero software license types and their features.

- Need help selecting the right license for your design? Download the [Libero License Selector Guide](#).
- Need help selecting the right DirectCores (in-house) IP license for your design? Download the [FPGA IP Search Tool](#).
- Download latest Daemons from the following pages:
 - [Libero SoC Design Suite versions 2024.1 to 12.0](#)
 - [Libero SoC Design Suite versions 11.9 and earlier](#)
 - [Libero IDE](#)

Purchase a Libero SoC Design Suite License

[Learn More](#)

Purchase an FPGA IP License

[Learn More](#)

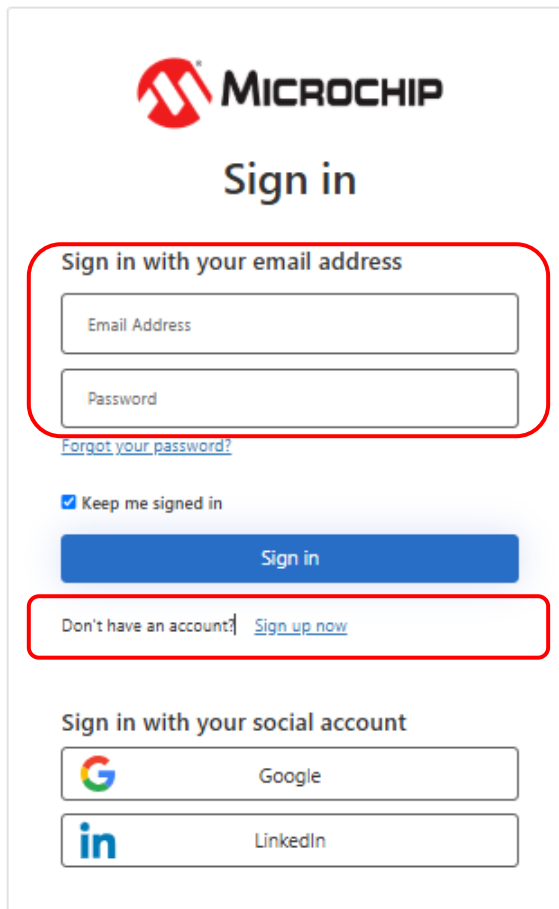
Request a Free License or Register and Manage Licenses


[Learn More](#)

[Learn More About Our Different License Types](#)

Licenseの取得方法

- Microchip社の“Microchip Account” に登録
 - 未登録：“Sign up now” で登録
 - 登録済：“Email address”と“Password” を入力しSign in

A screenshot of the Microchip 'Sign in' page. The page features the Microchip logo at the top. Below it, the text 'Sign in' is centered. A red rectangular box highlights the 'Sign in with your email address' section, which contains two input fields: 'Email Address' and 'Password'. Below these fields is a blue button labeled 'Sign in'. A link for 'Forgot your password?' is positioned below the button. Another red rectangular box highlights the text 'Don't have an account?' followed by a link to 'Sign up now'. At the bottom, there is a section titled 'Sign in with your social account' with buttons for Google and LinkedIn.

 **MICROCHIP**

Sign in

Sign in with your email address

Email Address

Password


[Forgot your password?](#)


☒ Keep me signed in

Sign in

Don't have an account? [Sign up now](#)

Sign in with your social account

 Google

 LinkedIn

Licenseの取得方法

● Licenseの種類を選択

- 有償版：“Register Purchased Software ID”を選択
- 無償版：“Request Free License”を選択

The screenshot shows the Microchip website's 'FPGA Software and IP Core Products' page. At the top, there's a navigation bar with the Microchip logo, a search bar, and links for 'Quote Status', 'Request a Quote', 'My Orders', and 'No Orders'. Below the navigation bar, there's a section titled 'FPGA Software and IP Core Products' with two buttons: 'Register Purchased Software ID' and 'Request Free License'. These buttons are highlighted with a red rectangle. Below this section, there's a table with the following data:

Microchip Part	Status	Software ID	Seats	Registration Date	Expiration	Download License
Libero Silver 1 Yr DiskID NL License (LIB-SLV-N-1YR-DISKID)	License active	522-9441-6dd	1	26-Aug-2021	26-Aug-2022	Download License

At the bottom right of the page, there's a vertical button labeled 'Get Help Bot'.

Licenseの取得方法

- 有償版

- “Software ID” を入力し“Submit” を選択

Register Purchased Product

×

Please enter your unique software ID number to generate a Libero Gold or Platinum or IP Core license

Software ID:*

Submit

Close

Licenseの取得方法

● 無償版

- “Libero Silver 1 Yr Disk ID NL License”
 - ノードロック・ライセンス。PC固定
- “Libero Silver 1 Yr Floating License for Windows/Linux Server”
 - フローティング・ライセンス。ネットワーク・ライセンス
- いずれかの“Register”を選択

Register Free FPGA license ×

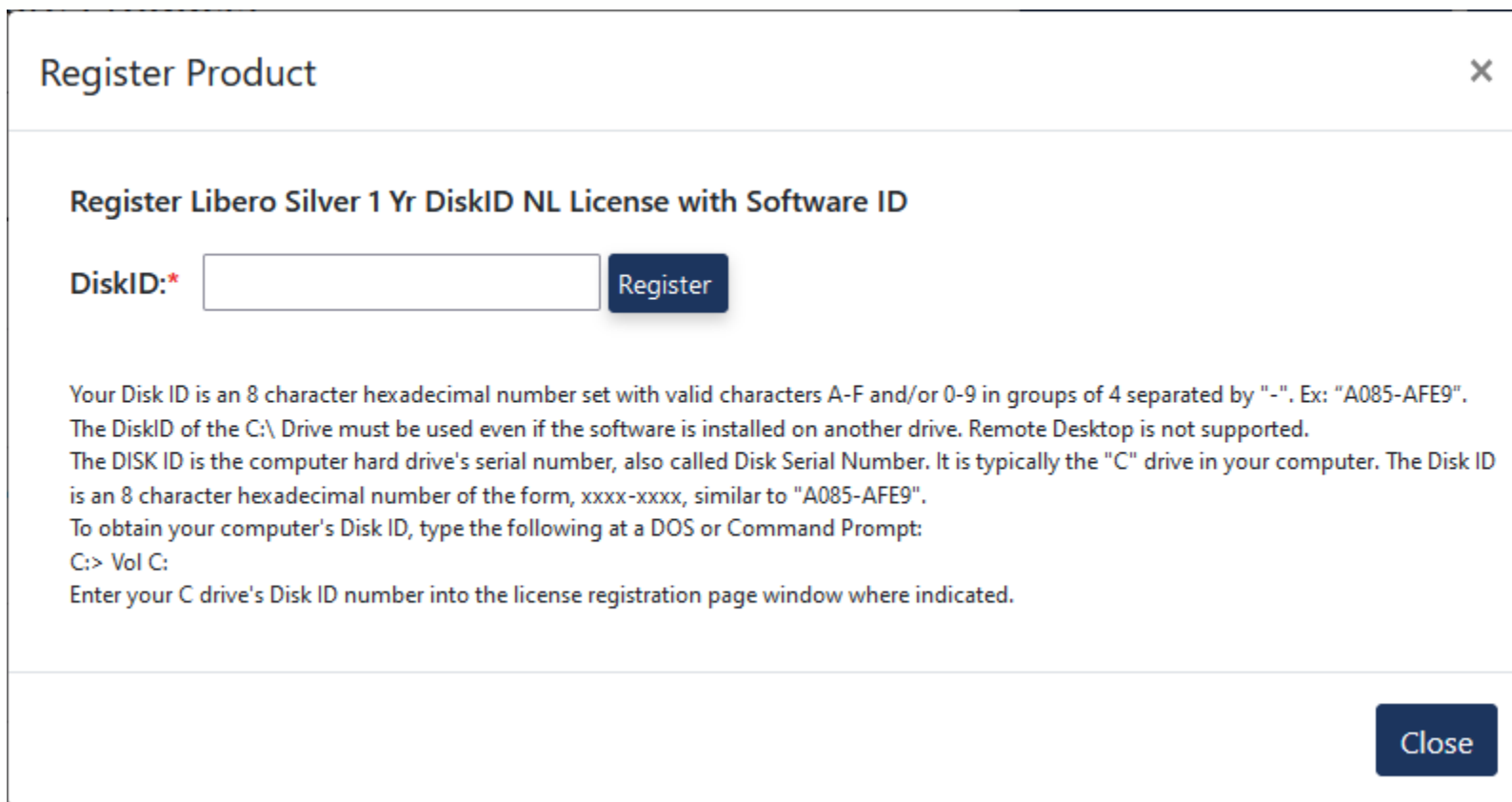
Microchip Part	Type	Register License
Libero Silver 1Yr Floating License for Windows/Linux Server	Libero	Register
Libero Silver 1 Yr DiskID NL License	Libero	Register
Libero 30 days Seminar Floating License for Windows or Linux Server	Libero	Register
Libero 30 days Seminar Node Locked License for Windows	Libero	Register
CoreVECTORBLOX OBS Bundle Perpetual Floating License	VectorBlox	Register
CoreVECTORBLOX OBS Perpetual Node Locked License	VectorBlox	Register
Legacy IP Cores RTL Floating MACID license	IPCore	Register
Legacy IP Core RTLsource Node Locked License	IPCore	Register

Close

Licenseの取得方法

● 無償版

- “Libero Silver 1 Yr Disk ID NL License”
- “DiskID:” を入力し“Register” を選択



The screenshot shows a 'Register Product' dialog box with a title bar containing a close button (X). The main content area has the heading 'Register Libero Silver 1 Yr DiskID NL License with Software ID'. Below this, there is a label 'DiskID:*' followed by a text input field and a blue 'Register' button. A detailed instruction block follows, explaining that the Disk ID is an 8-character hexadecimal number (A-F and 0-9) in groups of 4 separated by hyphens, with an example 'A085-AFE9'. It specifies that the DiskID of the C:\ Drive must be used even if the software is installed on another drive, and that Remote Desktop is not supported. It also states that the Disk ID is the computer hard drive's serial number, typically the 'C' drive. Instructions are given to obtain the Disk ID by typing 'C:> Vol C:' at a DOS or Command Prompt, and to enter the resulting number into the license registration page.

Register Product

Register Libero Silver 1 Yr DiskID NL License with Software ID

DiskID:* Register

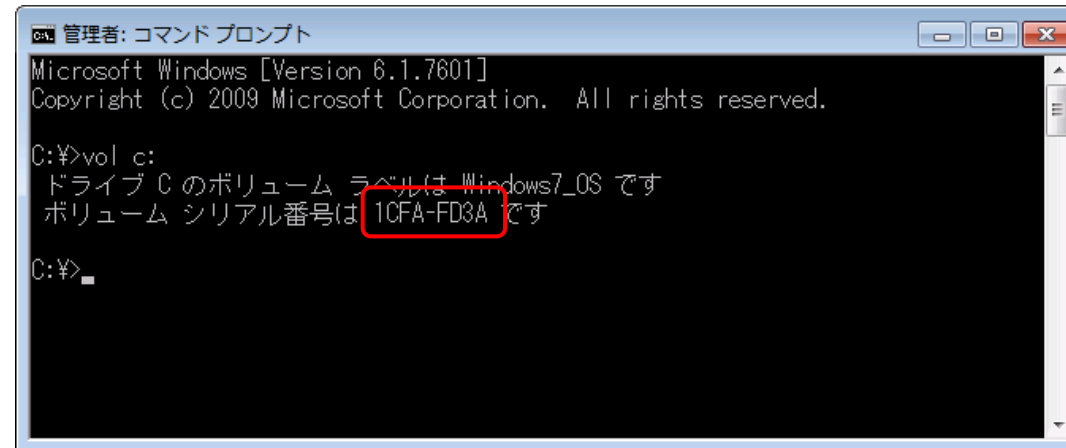
Your Disk ID is an 8 character hexadecimal number set with valid characters A-F and/or 0-9 in groups of 4 separated by "-". Ex: "A085-AFE9".
The DiskID of the C:\ Drive must be used even if the software is installed on another drive. Remote Desktop is not supported.
The DISK ID is the computer hard drive's serial number, also called Disk Serial Number. It is typically the "C" drive in your computer. The Disk ID is an 8 character hexadecimal number of the form, xxxx-xxxx, similar to "A085-AFE9".
To obtain your computer's Disk ID, type the following at a DOS or Command Prompt:
C:> Vol C:
Enter your C drive's Disk ID number into the license registration page window where indicated.

Close

Licenseの取得方法

● Windows OSでのDisk ID(HDD ID)の取得方法

- コマンドプロンプトにて下記コマンドを入力しエンターキーを押下
 - vol c:



The screenshot shows a Windows Command Prompt window titled "管理者: コマンドプロンプト". The text inside the window reads: "Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. C:\>vol c: ドライブ C のボリューム ラベルは Windows7_OS です ボリューム シリアル番号は 1CFA-FD3A です C:\>". The serial number "1CFA-FD3A" is highlighted with a red rectangle.

```
管理者: コマンドプロンプト
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

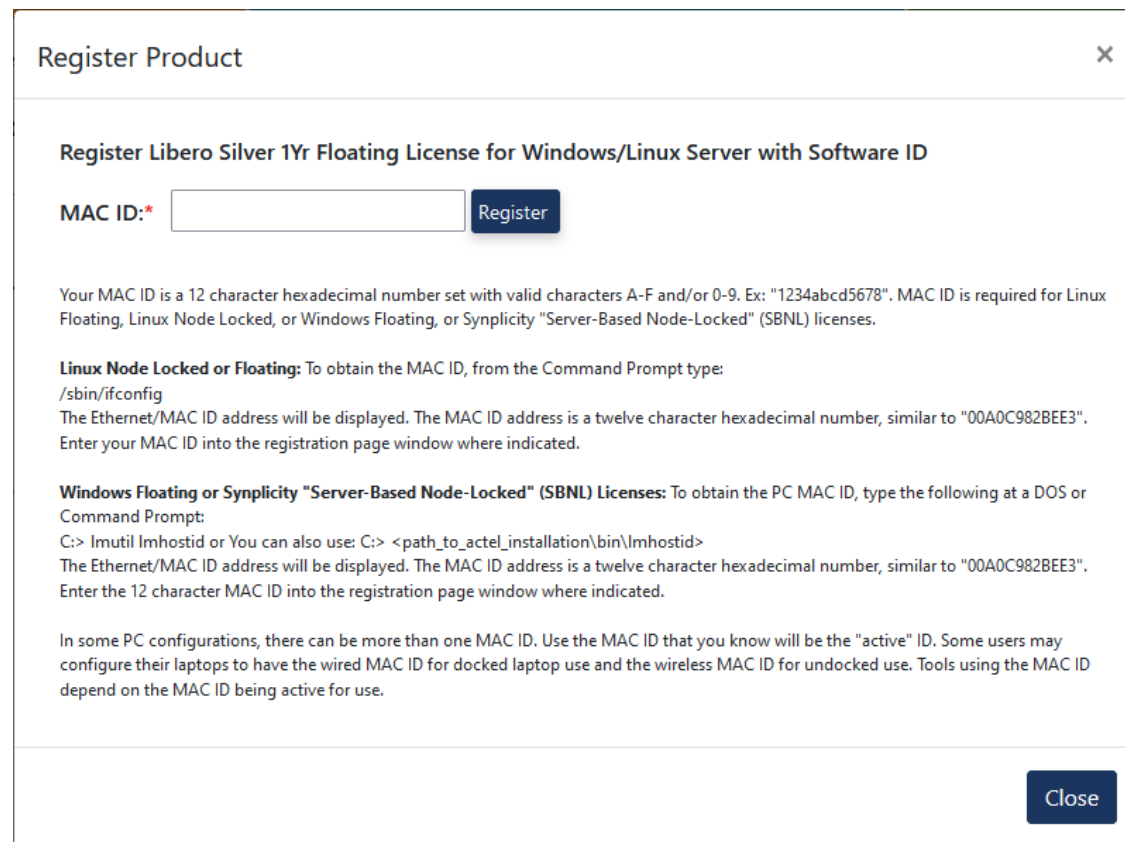
C:\>vol c:
ドライブ C のボリューム ラベルは Windows7_OS です
ボリューム シリアル番号は 1CFA-FD3A です

C:\>
```

Licenseの取得方法

● 無償版

- “Libero Silver 1 Yr Floating License for Windows/Linux Server”
- “MAC ID:” を入力し“Register” を選択



The screenshot shows a 'Register Product' dialog box. At the top, it says 'Register Product' with a close button (X). Below this, the title is 'Register Libero Silver 1Yr Floating License for Windows/Linux Server with Software ID'. There is a label 'MAC ID: *' followed by a text input field and a 'Register' button. Below the input field, there is a paragraph explaining that the MAC ID is a 12-character hexadecimal number and is required for certain license types. Then, there are two sections: 'Linux Node Locked or Floating' which provides a command prompt example to get the MAC ID, and 'Windows Floating or Synplicity "Server-Based Node-Locked" (SBNL) Licenses' which provides a command prompt example. At the bottom right, there is a 'Close' button.

Register Product

Register Libero Silver 1Yr Floating License for Windows/Linux Server with Software ID

MAC ID: * Register

Your MAC ID is a 12 character hexadecimal number set with valid characters A-F and/or 0-9. Ex: "1234abcd5678". MAC ID is required for Linux Floating, Linux Node Locked, or Windows Floating, or Synplicity "Server-Based Node-Locked" (SBNL) licenses.

Linux Node Locked or Floating: To obtain the MAC ID, from the Command Prompt type:
/sbin/ifconfig
The Ethernet/MAC ID address will be displayed. The MAC ID address is a twelve character hexadecimal number, similar to "00A0C982BEE3".
Enter your MAC ID into the registration page window where indicated.

Windows Floating or Synplicity "Server-Based Node-Locked" (SBNL) Licenses: To obtain the PC MAC ID, type the following at a DOS or Command Prompt:
C:> Imutil Imhostid or You can also use: C:> <path_to_actel_installation\bin\Imhostid>
The Ethernet/MAC ID address will be displayed. The MAC ID address is a twelve character hexadecimal number, similar to "00A0C982BEE3".
Enter the 12 character MAC ID into the registration page window where indicated.

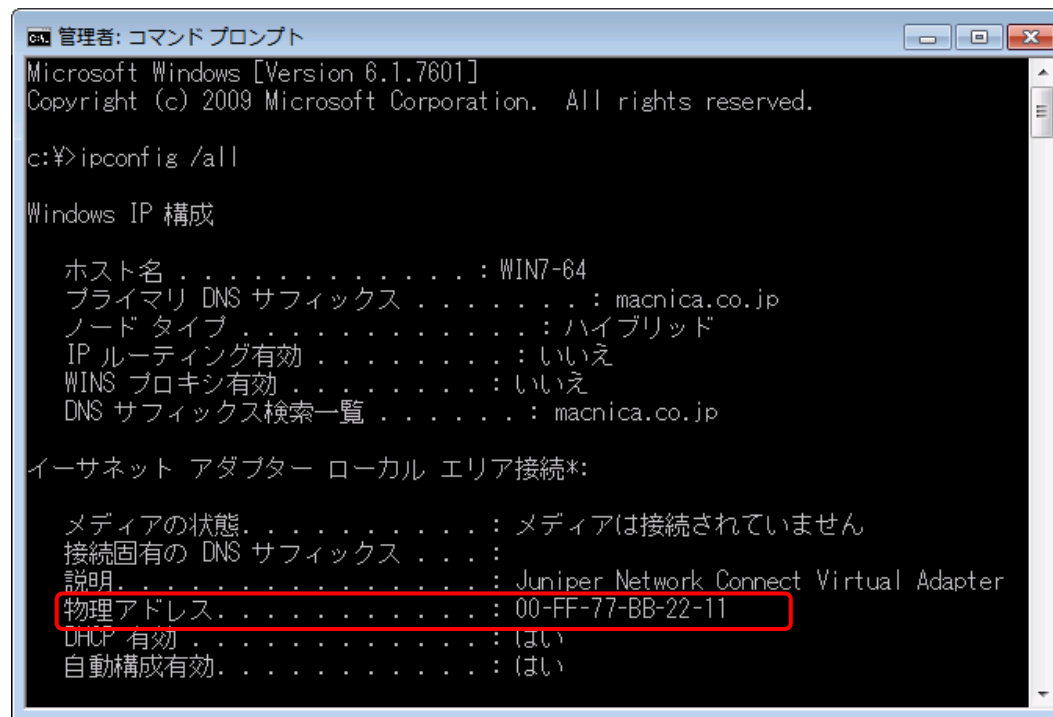
In some PC configurations, there can be more than one MAC ID. Use the MAC ID that you know will be the "active" ID. Some users may configure their laptops to have the wired MAC ID for docked laptop use and the wireless MAC ID for undocked use. Tools using the MAC ID depend on the MAC ID being active for use.

Close

Licenseの取得方法

● Windows OSでのMAC ID(NIC ID) の取得方法

- コマンドプロンプトにて下記コマンドを入力しエンターキーを押下
 - ipconfig /all



```
管理: コマンドプロンプト
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

c:\>ipconfig /all

Windows IP 構成

ホスト名 . . . . . : WIN7-64
プライマリ DNS サフィックス . . . . . : macnica.co.jp
ノード タイプ . . . . . : ハイブリッド
IP ルーティング有効 . . . . . : いいえ
WINS プロキシ有効 . . . . . : いいえ
DNS サフィックス検索一覧 . . . . . : macnica.co.jp

イーサネット アダプター ローカル エリア接続*:

メディアの状態. . . . . : メディアは接続されていません
接続固有の DNS サフィックス . . . . :
説明. . . . . : Juniper Network Connect Virtual Adapter
物理アドレス. . . . . : 00-FF-77-BB-22-11
DHCP 有効 . . . . . : はい
自動構成有効. . . . . : はい
```

Licenseの取得方法

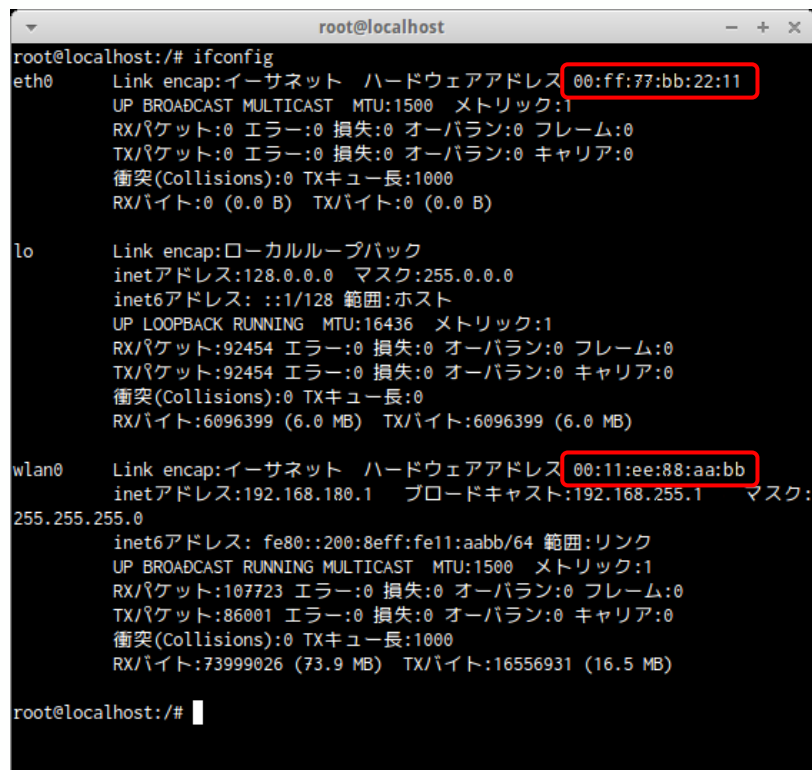
● UNIX系OSでのMAC ID(NIC ID)の取得方法

- シェルにて下記コマンドを入力しエンターキーを押下

- ifconfig

いずれかの有効なアドレスを使用

下の例：有線と無線のいずれかメイン使用のアドレス



```
root@localhost:~# ifconfig
eth0      Link encap:イーサネット ハードウェアアドレス 00:ff:77:bb:22:11
          UP BROADCAST MULTICAST  MTU:1500  メトリック:1
          RX/パケット:0 エラー:0 損失:0 オーバラン:0 フレーム:0
          TX/パケット:0 エラー:0 損失:0 オーバラン:0 キャリア:0
          衝突(Collisions):0 TXキュー長:1000
          RX/バイト:0 (0.0 B)  TX/バイト:0 (0.0 B)

lo        Link encap:ローカルループバック
          inetアドレス:128.0.0.0 マスク:255.0.0.0
          inet6アドレス: ::1/128 範囲:ホスト
          UP LOOPBACK RUNNING  MTU:16436  メトリック:1
          RX/パケット:92454 エラー:0 損失:0 オーバラン:0 フレーム:0
          TX/パケット:92454 エラー:0 損失:0 オーバラン:0 キャリア:0
          衝突(Collisions):0 TXキュー長:0
          RX/バイト:6096399 (6.0 MB)  TX/バイト:6096399 (6.0 MB)

wlan0     Link encap:イーサネット ハードウェアアドレス 00:11:ee:88:aa:bb
          inetアドレス:192.168.180.1 ブロードキャスト:192.168.255.1 マスク:
          255.255.255.0
          inet6アドレス: fe80::200:8eff:fe11:aabb/64 範囲:リンク
          UP BROADCAST RUNNING MULTICAST  MTU:1500  メトリック:1
          RX/パケット:107723 エラー:0 損失:0 オーバラン:0 フレーム:0
          TX/パケット:86001 エラー:0 損失:0 オーバラン:0 キャリア:0
          衝突(Collisions):0 TXキュー長:1000
          RX/バイト:73999026 (73.9 MB)  TX/バイト:16556931 (16.5 MB)

root@localhost:~#
```

Licenseの取得方法

● 正常終了時

Register Product

×

Register - Libero Silver 1 Year Floating License for Windows/Linux with Software ID 568-1cfd-1b9

MAC ID:* Register

Thank you for registering. Your software Id is 689-1cfd-1b8.

Your software license will arrive via email within 45 minutes. If you did not receive your license, please contact FPGASoftwareSupport@microchip.com.

Your MAC ID is a 12 character hexadecimal number set with valid characters A-F and/or 0-9. Ex: "1234abcd5678". MAC ID is required for Linux Floating, Linux Node Locked, or Windows Floating, or Synplicity "Server-Based Node-Locked" (SBNL) licenses.

Linux Node Locked or Floating: To obtain the MAC ID, from the Command Prompt type:
`/sbin/ifconfig`
The Ethernet/MAC ID address will be displayed. The MAC ID address is a twelve character hexadecimal number, similar to "00A0C982BEE3". Enter your MAC ID into the registration page window where indicated.

Windows Floating or Synplicity "Server-Based Node-Locked" (SBNL) Licenses: To obtain the PC MAC ID, type the following at a DOS or Command Prompt:
`C:> Imutil Imhostid` or You can also use: `C:> <path_to_actel_installation\bin\Imhostid>`
The Ethernet/MAC ID address will be displayed. The MAC ID address is a twelve character hexadecimal number, similar to "00A0C982BEE3". Enter the 12 character MAC ID into the registration page window where indicated.

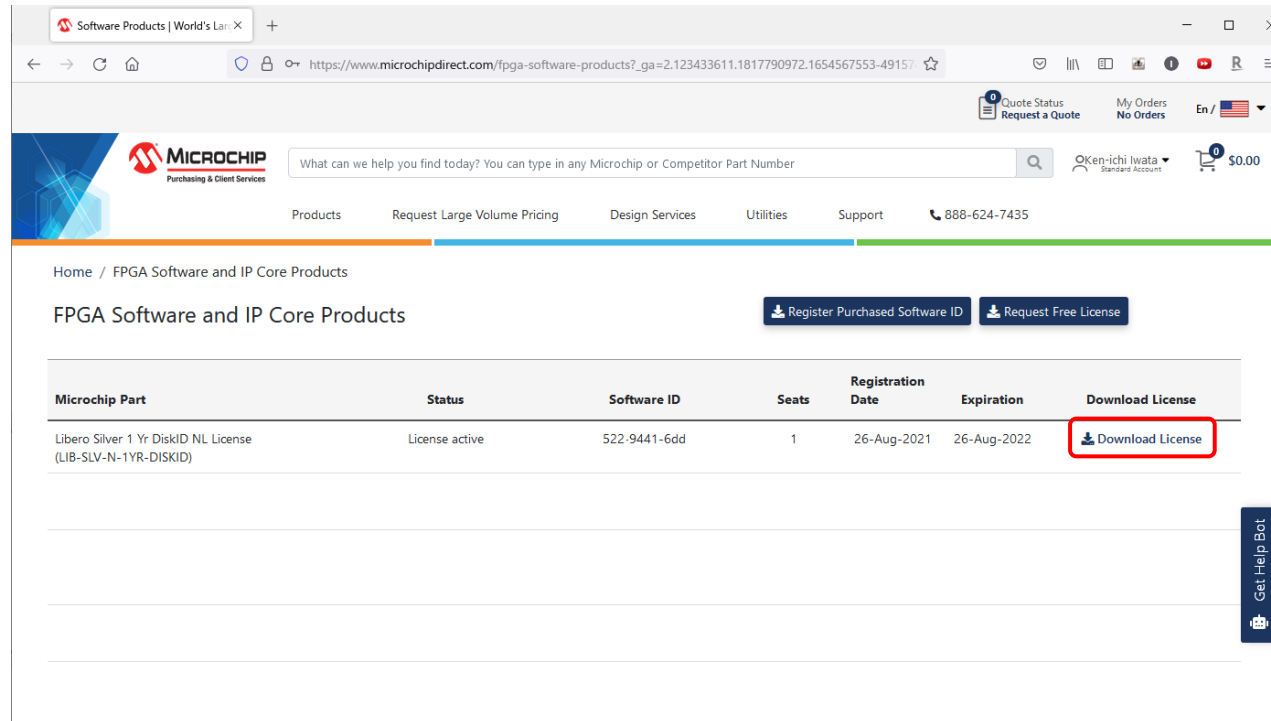
In some PC configurations, there can be more than one MAC ID. Use the MAC ID that you know will be the "active" ID. Some users may configure their laptops to have the wired MAC ID for docked laptop use and the wireless MAC ID for undocked use. Tools using the MAC ID depend on the MAC ID being active for use.

Close

Licenseの取得方法

● Licenseの入手方法1

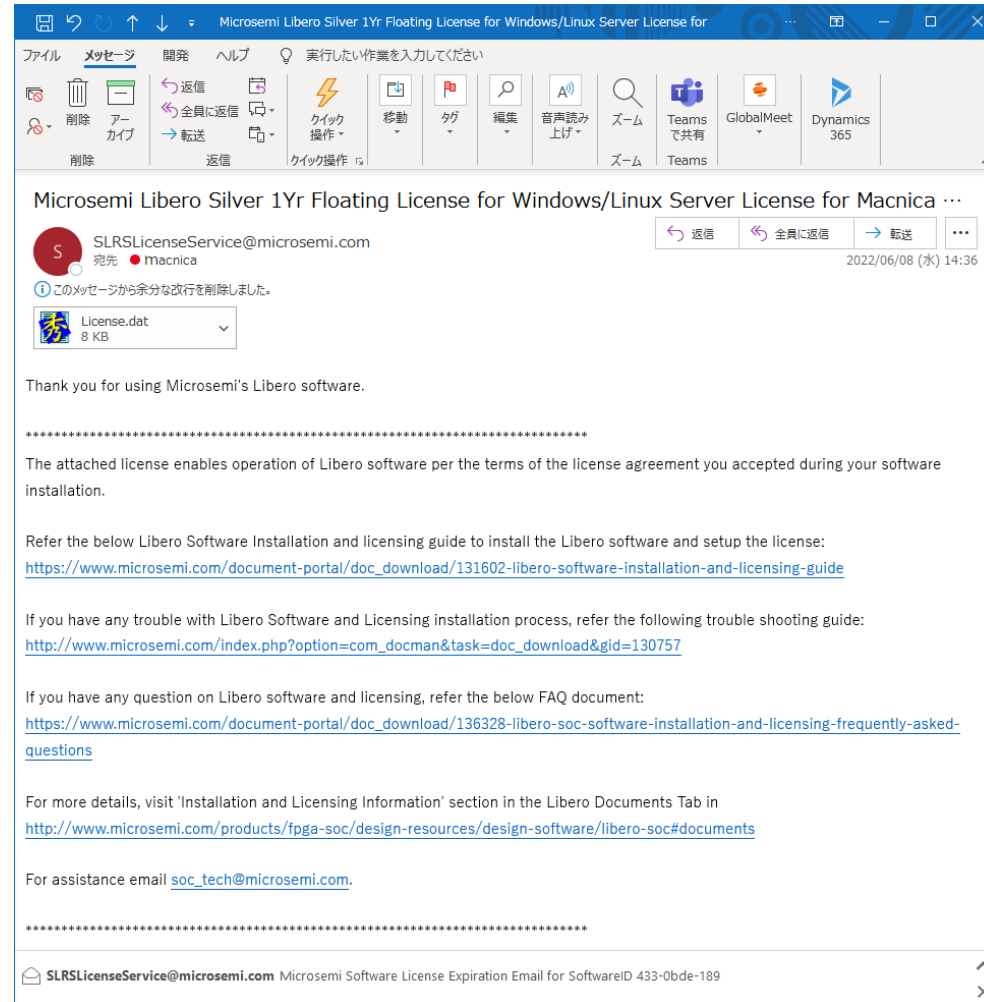
- Licenseの種類選択(本資料3～5ページに戻る) より該当のライセンスを“Download License”を選択しファイルを保存
- License.zip がダウンロードされる



Licenseの取得方法

● Licenseの入手方法2

- email による配信



履歴

● 改版

リビジョン	日付	概要
V1	2017年9月	新規作成
V1.1	2017年9月	加筆修正
V1.2	2018年12月	デザイン変更
V2.0	2020年4月	Libero SoC V12.3 に対応
V3.0	2022年6月	WebのMicrosemi からMicrochip 統合に伴い内容修正
V4.0	2024年11月	・文字化け防止のためファイル名変更 ・スライド更新、スクリーンショット差し替え ・無償版、“Silver”と“Evaluation”の違いスライド削除

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